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Approved For Release 2005/04/26 : CIA-RDP79R00961A001100080006-2 22 July 1960
GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

FOR GMAIC CONSIDERATION - 10 August 1960

DRAFT

GMAIC CONTRIBUTION

TO

NIE 13-60

COMMUNIST CHINA

|, Communist China's scientific, technical and industrial capabilities are very limited. However, an intensive program is being conducted to improve this situation. This program to improve Chinese scientific status is directed to the fundamental disciplines of science such as applied mathematics, mechanics, thermodynamics, electronics, chemistry, etc., which have basic application to the missile/space problem. There is evidence of a growing awareness within Chinese scientific and military circles of the importance of guided missiles in modern warfare, and it can be assumed that some basic scientific effort in China today is directed toward an ultimate native missile capability. There are several outstanding Chinese Communists scientists, some of whom are U.S. trained in missile technology, ^{4/for related fields} actively engaged in basic research related to guided missiles / astronautics.

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2. A broad industrial base is a fundamental requirement in the achievement of any significant guided missile/astronautic capability. Chinese efforts in this direction have been well publicised and it is known that considerable Soviet economic and technical assistance is being given by the USSR to assist in the Chinese industrial growth program but as of now, China is not believed to have an adequate economic/industrial capability upon which an early missile capability could be based.

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feasible until several years later.

4. In consideration of the ~~three~~ basic requirements above; the necessary high degree of integration of these factors; the broad technical/industrial base required to support a native guided missile effort

we believe the Chinese Communists are not

yet ready to engage in the design, test or production of any type of guided missile. Even if initiated now (1960), it would require about 10 years for the Chinese Communists to acquire a significant native guided missile capability.

5. The Chinese Communists are, however, believed to be capable of developing and producing unguided rockets for use with non-nuclear warheads by 1965. Such an endeavor is probable, in order to provide the means for delivering large HE warheads at ranges in excess of conventional artillery, as well as for propaganda purposes.

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from the territory of Communist China . Any launching from Communist China will be the direct result of Soviet participation and the decision to do so would be based on political factors.

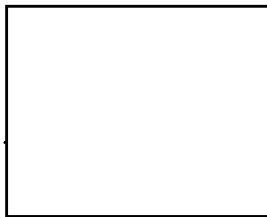
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This may include adolescent Soviet air
defense missiles in small quantities.

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